

FIG. 1

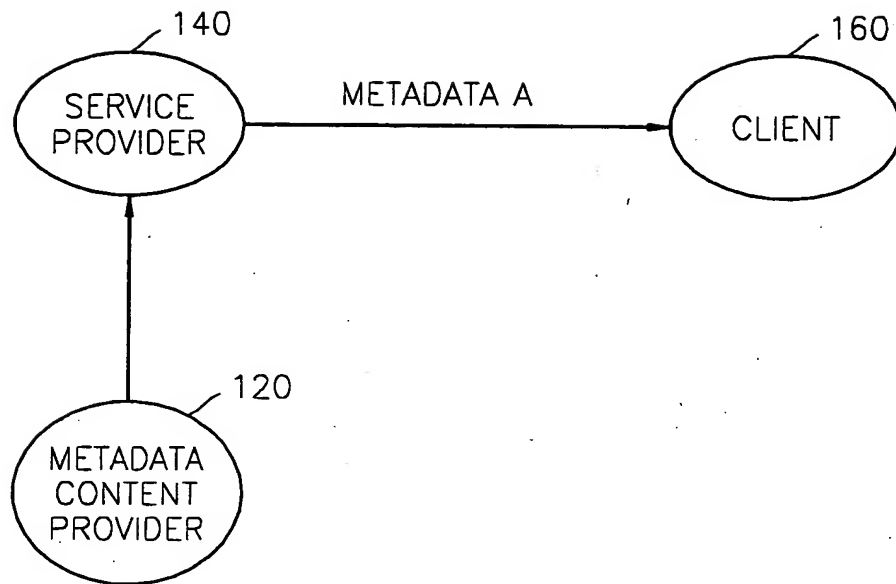


FIG. 2

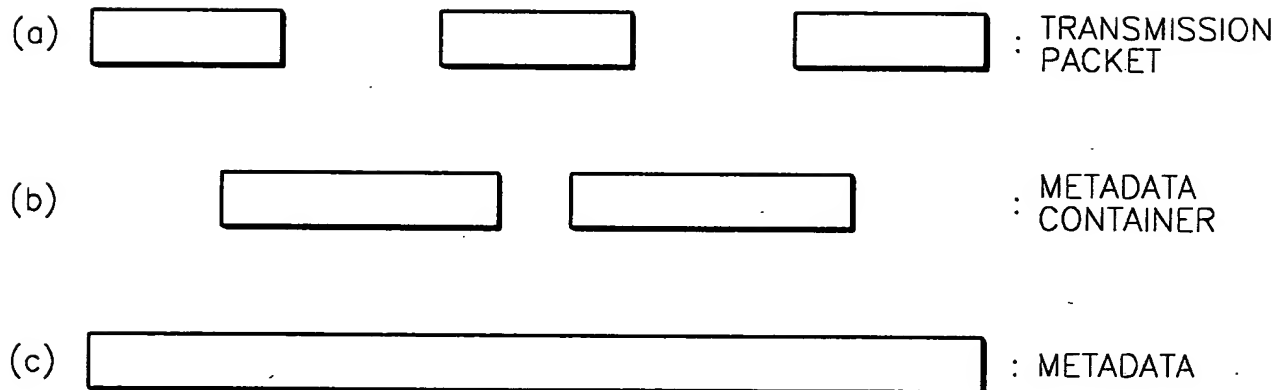


FIG. 3

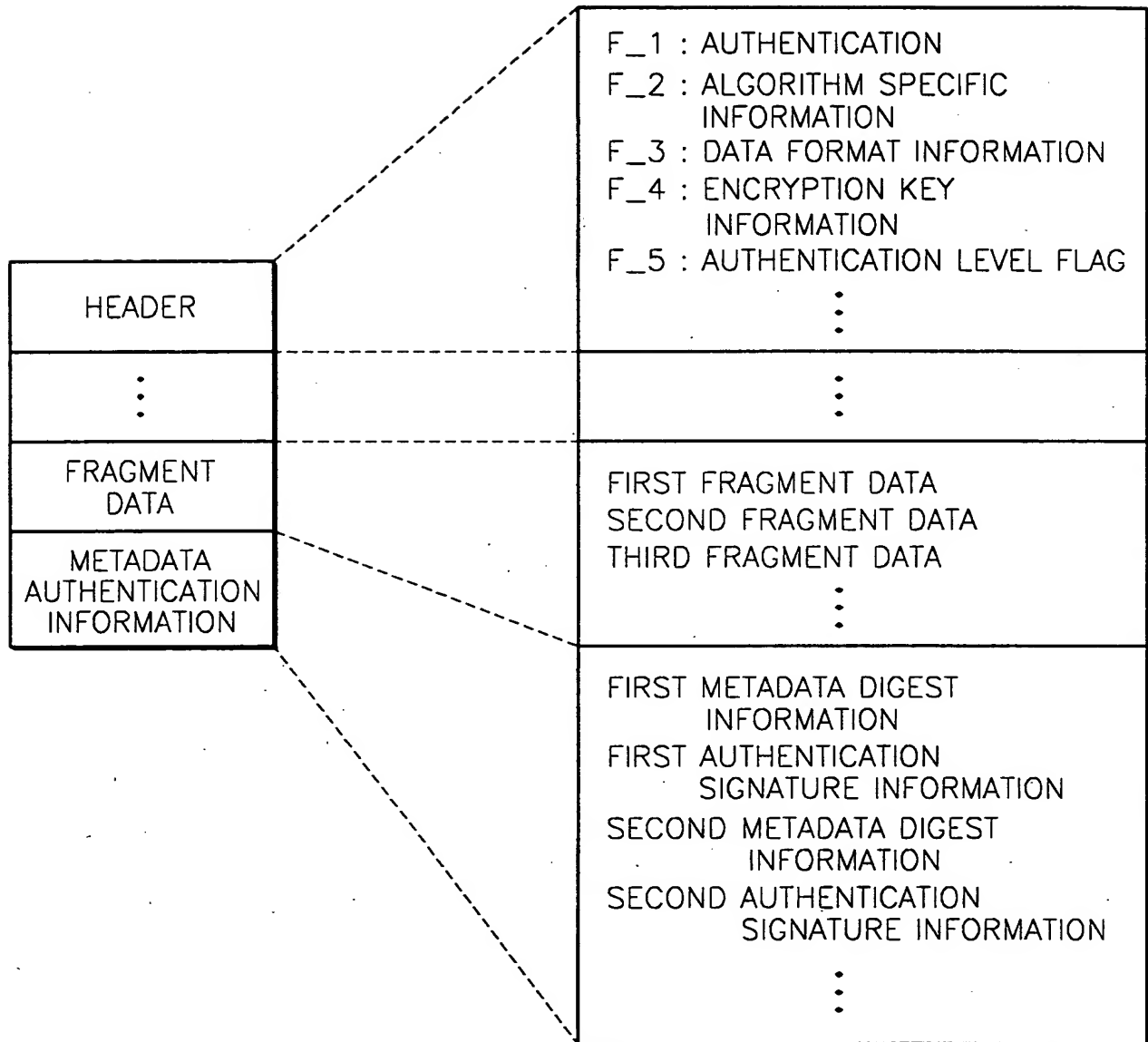


FIG. 4

```
<SOAP:Envelope ...>
  <SOAP:Header>
    <Signature fragrefID = 1>
      <Algorithm ID=1>
        <Digest> ... <\Digest>
        <SignatureValue> ... </SignatureValue>
        <KeyInfo> ... </KeyInfo>
        <SignatureValueBaseType>Text</SignatureValueBaseType>
        <Authentication Level> Transport </Authentication Level>
      </Signature>
    </SOAP:Header>
  <SOAP:Body>
    <TVAMetadadataFragment id=1>
      <ProgramInformation>...</ProgramInformation>
    </TVAMetadadataFragment>
    <TVAMetadadataFragment id=2>
      <SegmentInformation>...</SegmentInformation>
    </TVAMetadadataFragment>
  </SOAP:Body>
</SOAP:Envelope>
```

FIG. 5

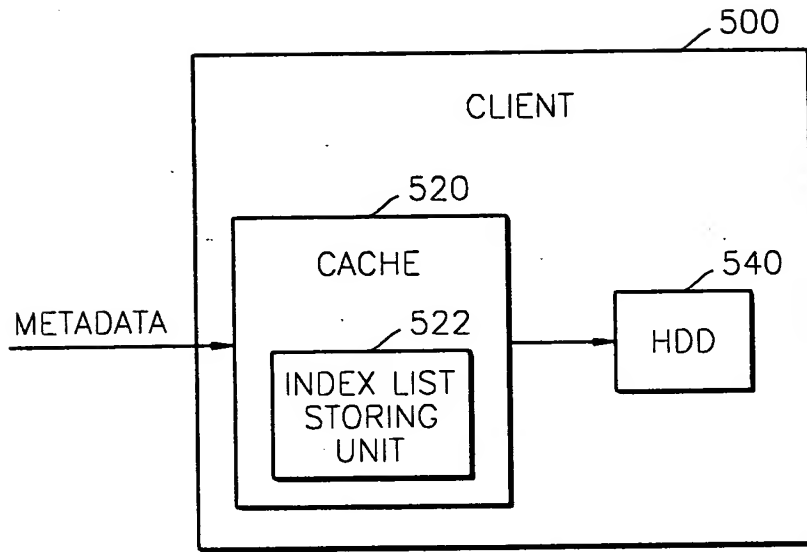


FIG. 6

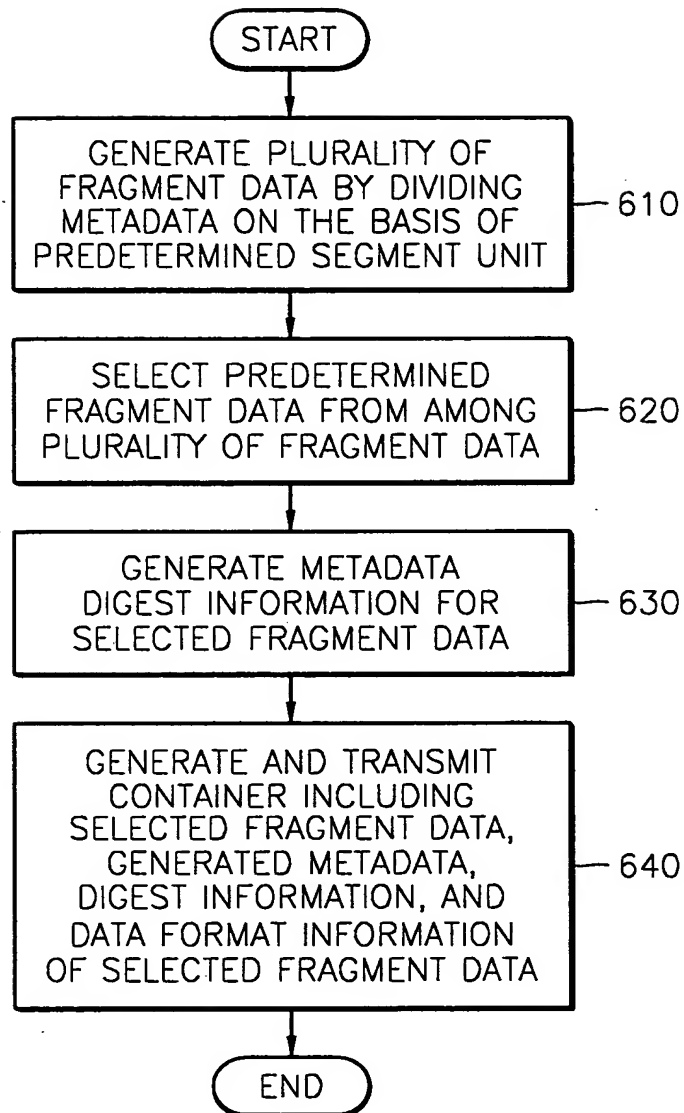


FIG. 7

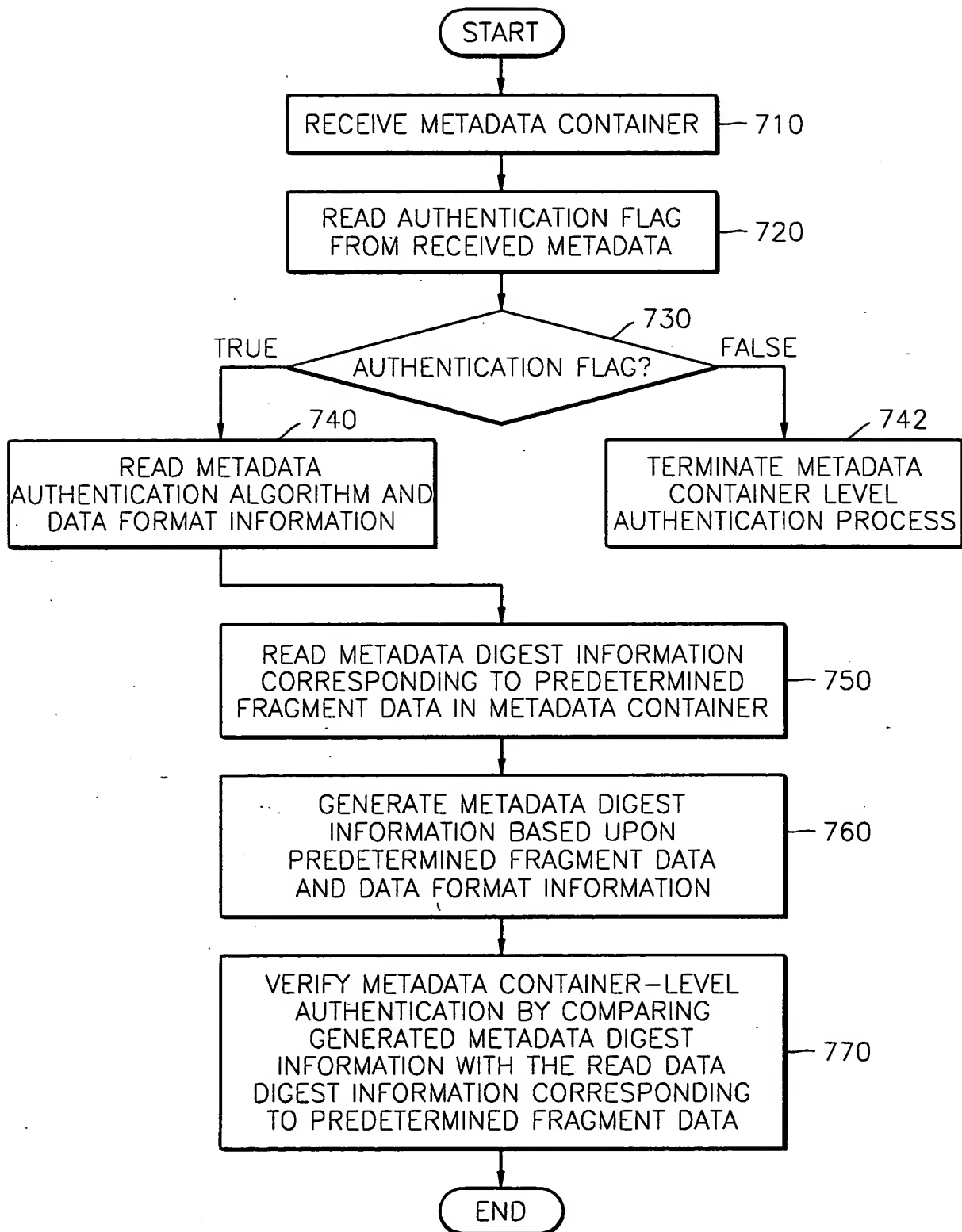


FIG. 8

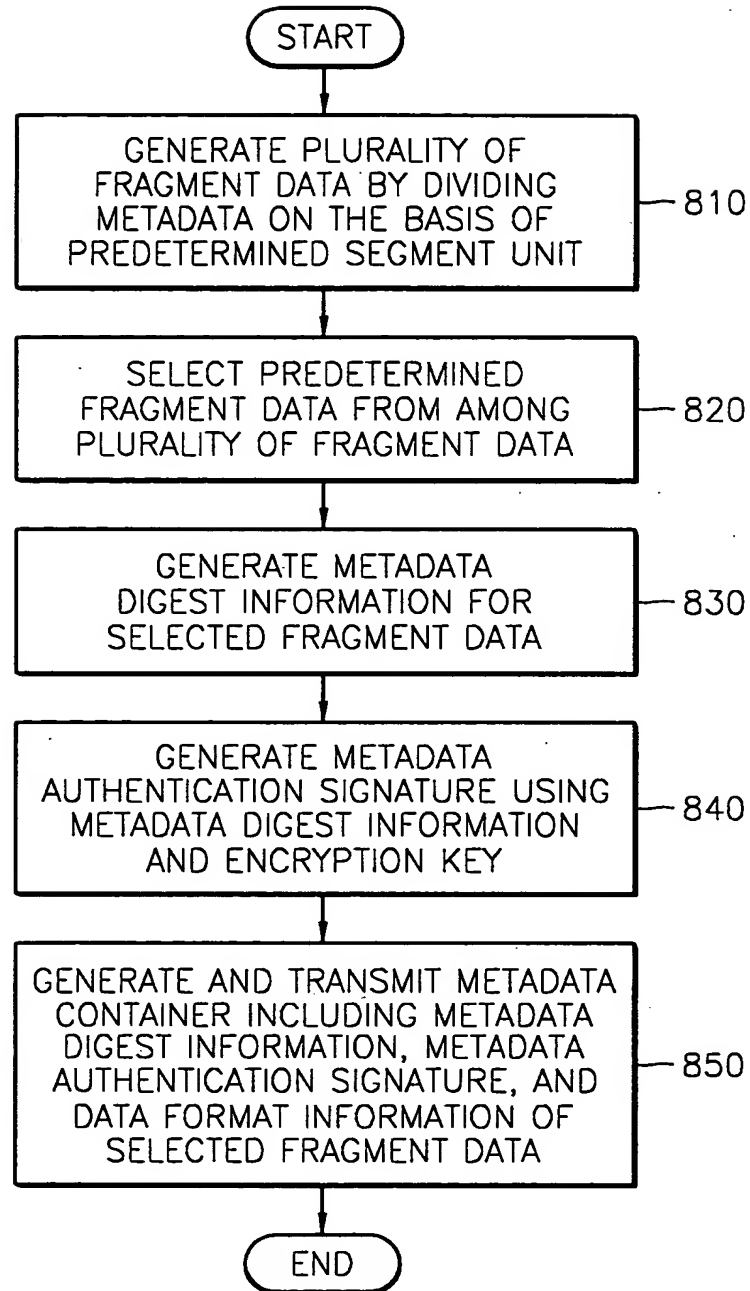


FIG. 9

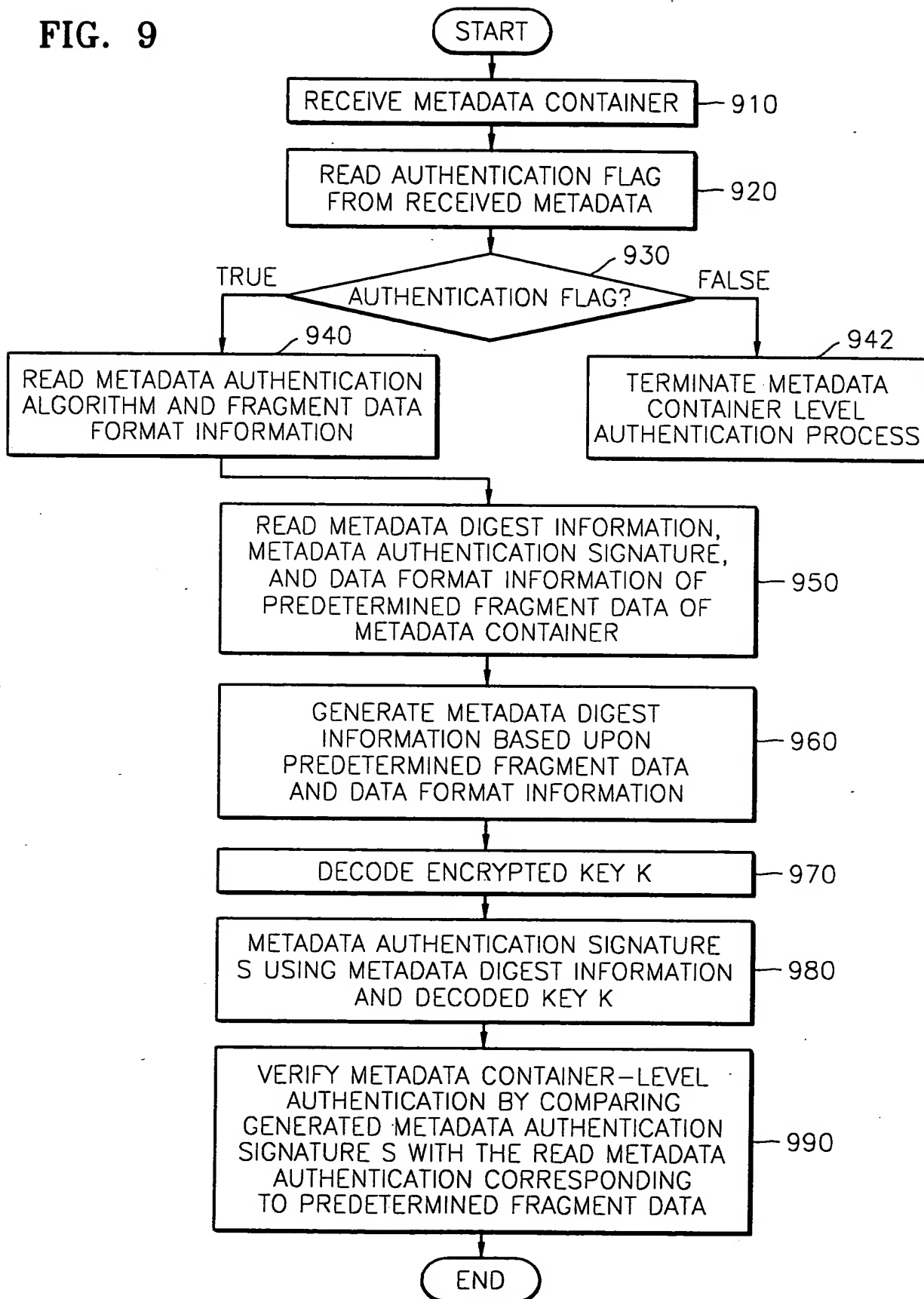


FIG. 10

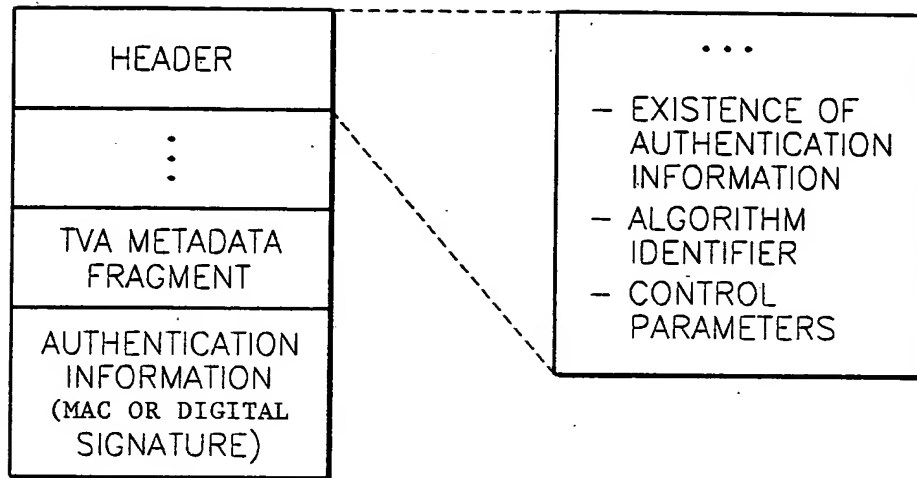


FIG. 11

```

<?xml version="1.0" encoding="utf-8"?>
<SOAP:Envelope xmlns:SOAP="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP:Header>
    <wssec:credentials xmlns:wssec="http://schemas.xmlsoap.org/ws/2001/10/security">
      <ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#" Id="SigningCertificate">
        <ds:X509Data>
          <ds:X509Certificate>MIIH1zCCBr+gAwIBA...</ds:X509Certificate>
        </ds:X509Data>
      </ds:KeyInfo>
    </wssec:credentials>
    <wssec:integrity xmlns:wssec="http://schemas.xmlsoap.org/ws/2001/10/security">
      <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
        <ds:SignedInfo>
          <ds:CanonicalizationMethod Algorithm="http://www.w3.org/TR/2001/xml-exc-c14n#" />
          <ds:SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
          <ds:Reference URI="" />
          <ds:Transforms>
            <ds:Transform Algorithm="http://schemas.xmlsoap.org/2001/10/security
              #RoutingSignatureTransform" />
            <ds:Transform Algorithm="http://www.w3.org/TR/2001/REC-xml-c14n-20010315" />
          </ds:Transforms>
          <ds:DigestMethod Algorithm="http://www.w3.org/2000/09/xmldsig#sha1" />
          <ds:DigestValue>j6lwx3rvEP00vKtMup4NbeVu8nk=</ds:DigestValue>
        </ds:Reference>
      </ds:SignedInfo>
      <ds:SignatureValue>aYECaXNqK2PivQaRweWajXup5zJa...</ds:SignatureValue>
      <ds:KeyInfo>
        <wssec:licenseLocation>
          #SigningCertificate
        </wssec:licenseLocation>
      </ds:KeyInfo>
    </ds:Signature>
  </wssec:integrity>
</SOAP:Header>
  <SOAP:Body>
    <TVAMetadataFragment>
      <ProgramInformation>.....</ProgramInformation>
      <enc:EncryptedData>
        <enc:EncryptionMethod Algorithm="xxx_algorithm" />
        <ds:KeyInfo>.....</ds:KeyInfo>
        <enc:CipherData>
          <enc:CipherValue>9osy8Tw2+HcSHftHg...</enc:CipherValue>
        </enc:CipherData>
      </enc:EncryptedData>
      <enc:EncryptedKey>
        <enc:EncryptionMethod Algorithm="yyy_algorithm" />
        <ds:KeyInfo>
          <ds:KeyName>Public/Private Key for TVA metadata</ds:KeyName>
        </ds:KeyInfo>
        <enc:CipherData>
          <enc:CipherValue>CCBPowCwYDVR0PBA...</enc:CipherValue>
        </enc:CipherData>
      </enc:EncryptedKey>
    </TVAMetadataFragment>
  </SOAP:Body>
</SOAP:Envelope>

```